



Since January 2020 Elsevier has created a COVID-19 resource centre with free information in English and Mandarin on the novel coronavirus COVID-19. The COVID-19 resource centre is hosted on Elsevier Connect, the company's public news and information website.

Elsevier hereby grants permission to make all its COVID-19-related research that is available on the COVID-19 resource centre - including this research content - immediately available in PubMed Central and other publicly funded repositories, such as the WHO COVID database with rights for unrestricted research re-use and analyses in any form or by any means with acknowledgement of the original source. These permissions are granted for free by Elsevier for as long as the COVID-19 resource centre remains active.

Uncoupling vaccination from politics: a call to action

Political polarisation in the USA is impeding vaccination of the population against SARS-CoV-2. Today, the lowest COVID-19 vaccination rates in the USA are overwhelmingly in Republican-leaning states and counties.¹ At a time when the delta variant is spreading, these are also the areas experiencing surges in admissions to hospital and intensive care.¹ If political divides on COVID-19 vaccination become ingrained, the consequences could include greater resistance to all vaccination and outbreaks of other vaccine-preventable diseases. Understanding and countering this trend are urgent public health priorities.

Historically, anti-vaccine rhetoric has had minimal policy impact because bipartisan political leadership strongly endorsed the safety and effectiveness of vaccines. However, in recent years, anti-vaccine activism has received support from some state-level Republican officials during legislative debates over bills to improve vaccine uptake.² Today, anti-vaccination groups have successfully married their cause to opposing other COVID-19 mitigation measures, including masking and physical distancing.^{3,4} Misinformation is spreading through right-leaning media programmes and platforms, and on social media. Republican elected officials in multiple states have accepted the framing of vaccination as a matter of personal liberty, with several states passing laws prohibiting private businesses from requiring COVID-19 vaccination.⁵

Once a public health issue becomes politicised, walking back the partisanship becomes difficult, while addressing the challenge head on risks exacerbating the problem. Public and private sector leaders may fail to speak out, afraid of alienating a sceptical base.

This is a moment to prioritise health over short-term political calculations.

SARS-CoV-2 is agnostic in whom it infects, and COVID-19 vaccines protect liberals and conservatives alike. Leaders across sectors of every ideological stripe should work together to promote vaccination.⁶

We recommend five short-term steps. First, diversify messengers. Public officials should recognise that when promoting vaccination, the messenger is as important as the message. Promotion efforts will be most effective when communicated from an array of trusted speakers and perspectives, especially outside of government.⁷ Encouraging and supporting Republican leaders to amplify pro-vaccine messages are important priorities.

Second, draw on broad expertise. As COVID-19 vaccine hesitancy is not just a public health problem, public officials need to convene experts from the social, behavioural, and communication sciences to create comprehensive response strategies. Routine public health messaging alone will be insufficient.

Third, invest in research. Recognising that the politicisation of vaccines is now a problem of unprecedented scope and the dominant driver keeping down vaccination rates, public and private funders should invest in social and behavioural research to systematically monitor the phenomenon and develop solutions.

Fourth, counter purveyors of misinformation. Policy makers and professional organisations should examine available legal, regulatory, and private sector options to reduce the impact of well-financed organisations spreading misinformation. The US Government should solicit the expertise of agencies outside the health sector, including the Departments of Homeland Security, Commerce, Justice, and State.

Fifth, stop the misinformation. Conservative media outlets must stop amplifying falsehoods about COVID-19 vaccines. Advertisers should pull funding from programmes and

websites that promote misinformation, as they put the lives of Americans and the health of our economy at risk. Social media platforms should enhance efforts to track, disclose, and stop the spread of misinformation.

The *Lancet* Commission on Vaccine Refusal, Acceptance, and Demand in the USA is co-hosted by the Yale Institute for Global Health and the Baylor College of Medicine. JMS has served as a health official in Democratic administrations at the state, local, and federal level. RMC has received research grant funding from Novo Nordisk Foundation (Denmark). RL reports grants from Pfizer, GlaxoSmithKline, SanofiPasteur, and Merck, and personal fees from BIO. DRR's family own stocks in GlaxoSmithKline, and she served in an unpaid, volunteer capacity on Moderna's ethics allocation committee. DAS reports grants from Merck, personal fees from Pfizer, and consultant for Janssen. PJH is a developer of a COVID-19 vaccine construct, which was licensed by Baylor College of Medicine to Biological E, a commercial vaccine manufacturer. The other authors declare no competing interests.

**Joshua M Sharfstein, Timothy Callaghan, Richard M Carpiano, Sema K Sgaier, Noel T Brewer, Alison P Galvani, Rekha Lakshmanan, SarahAnn M McFadden, Dorit R Reiss, Daniel A Salmon, Peter J Hotez; on behalf of the Lancet Commission on Vaccine Refusal, Acceptance, and Demand in the USA
Joshua.sharfstein@jhu.edu*

Department of Health Policy and Management (JMS), and Institute for Vaccine Safety, Department of International (DAS), Johns Hopkins Bloomberg School of Public Health, Baltimore, MD 21205, USA; Department of Health Policy and Management, School of Public Health (TC), Hagler Institute for Advanced Study (PJH), and Scowcroft Institute of International Affairs, Bush School of Government and Public Service (PJH), Texas A&M University, College Station, TX, USA; School of Public Policy, University of California, Riverside, CA, USA (RMC); Surgo Ventures, Washington DC, USA (SKS); Harvard University T H Chan School of Public Health, Boston, MA, USA (SKS); Department of Global Health, University of Washington, Seattle, WA, USA (SKS); Department of Health Behavior, Gillings School of Global Public Health, University of North Carolina, Chapel Hill, NC, USA (NTB); Lineberger Comprehensive Cancer Center, University of North Carolina, Chapel Hill, NC, USA (NTB); Center for Infectious Disease Modeling and Analysis, Yale School of Public Health, New Haven, CT, USA (APG); The Immunization Partnership, Houston, TX, USA (RL); Yale Institute for Global Health, New Haven, CT, USA (SMM); Department of Internal Medicine (Infectious Diseases), Yale School of Medicine, New Haven, CT, USA (SMM); UC Hastings College of Law, San Francisco, CA, USA (DRR); Texas Children's



Published Online
September 16, 2021
[https://doi.org/10.1016/S0140-6736\(21\)02099-7](https://doi.org/10.1016/S0140-6736(21)02099-7)

Submissions should be made via our electronic submission system at <http://ees.elsevier.com/thelancet/>

Center for Vaccine Development, Departments of Pediatrics and Molecular Virology & Microbiology, National School of Tropical Medicine, Baylor College of Medicine, Houston, TX, USA (PJH); Department of Biology, Baylor University, Waco, TX, USA (PJH); James A Baker III Institute for Public Policy, Rice University, Houston, TX, USA (PJH).

- 1 Ivory D, Leatherby L, Gebeloff R. Least vaccinated U.S. counties have something in common: Trump voters. *The New York Times*. April 17, 2021. <https://www.nytimes.com/interactive/2021/04/17/us/vaccine-hesitancy-politics.html> (accessed Sept 14, 2021).
- 2 Hotez PJ. America's deadly flirtation with antiscience and the medical freedom movement. *J Clin Invest* 2021; **131**: e149072.
- 3 Rummler O. Infectious-disease expert: Scott Atlas' herd immunity claims are "pseudoscience". *Axios*. Oct 18, 2020. <https://www.axios.com/scott-atlas-herd-immunity-coronavirus-c8511115-0f39-4d0a-a1a8-44dd7560c7f1.html> (accessed Sept 14, 2021).
- 4 Kornfield M. S.D. Gov. Kristi Noem says she nailed the pandemic response. Fauci: the numbers 'don't lie'. *The Washington Post*. Feb 28, 2021. <https://www.washingtonpost.com/politics/2021/02/28/noem-fauci-cpac/> (accessed Sept 14, 2021).
- 5 Davis E. These states have banned vaccine passports. *US News & World Report*. June 1, 2021. <https://www.usnews.com/news/best-states/articles/which-states-have-banned-vaccine-passports> (accessed Sept 14, 2021).
- 6 Pink SL, Chu J, Druckman JN, Rand DG, Willer R. Elite party cues increase vaccination intentions among Republicans. *PNAS* 2021; **118**: e2106559118.
- 7 Surgo Ventures. The challenge of our time: achieving high vaccination coverage during the COVID-19 pandemic. <https://surgoventures.org/resource-library/the-challenge-of-our-time-achieving-high-vaccination-coverage-during-the-covid-19-pandemic> (accessed Sept 15, 2021).